

SYSTEM AND METHOD FOR INTERFACE BETWEEN A
SUBSCRIBER MODEM AND SUBSCRIBER PREMISES INTERFACES

ABSTRACT OF THE DISCLOSURE

There is disclosed an apparatus for interconnecting a
5 plurality of communications mediums, including voice frequency and
broadband frequency to a subscriber communications system at the
subscriber's premises. The apparatus comprises: 1) a controller
for coupling and de-coupling communications mediums comprising at
least one public service telephone network (PSTN) line and at least
10 one non-public service telephone network (non-PSTN) line, to a
communication system within the subscriber's premises; 2) lightning
protection for controller interfaces; 3) a detector circuit for
detecting power loss in the non-public service telephone network
connection and 4) fail-over (re-connecting to an alternate circuit)
15 devices connected to a public service telephone network line;
and 5) a test circuit for monitoring the condition of a backup
power supply for the apparatus.